

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/051734

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G02F1/1347 G02F1/17

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 G02F G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 621 541 B1 (CHOI SU-SEOK) 16 September 2003 (2003-09-16)	1,2,4,5, 7-9,11, 12,14, 16, 19-26, 28,29
Y	column 2; figures 3,4 column 5, line 8 - column 6, line 15; figures 5-8	3,6,10, 13,17, 18,27,30
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

10 December 2004

Date of mailing of the international search report

23/12/2004

Name and mailing address of the ISA
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/035199 A1 (CHUNG JERRY ET AL) 20 February 2003 (2003-02-20) paragraphs '0014! - '0016! paragraphs '0038! - '0043!; figures 1A,1C,1D paragraphs '0116! - '0129!; figures 5A-5F paragraphs '0132! - '0135!; '0139!; figures 6A-6C claim 1	1-3,5, 7-10,12, 15,16, 19-27,29
Y		17,18
X	US 2002/033793 A1 (MACHIDA YOSHINORI ET AL) 21 March 2002 (2002-03-21) paragraphs '0065! - '0068!, '0081!; figure 1 paragraphs '0074! - '0093!; figures 6,7 paragraphs '0121! - '0128!; figure 13 paragraphs '0135! - '0159!; figures 15-18	1,2,4-9, 11-13, 15,16, 19-26, 28-30
Y		3,10,17, 18,27
X	EP 0 709 713 A (FUJIKURA LTD ; FUJIKURA KASEI KK (JP)) 1 May 1996 (1996-05-01) page 2, line 44 - page 3, line 20 page 6, line 5 - page 7, line 36; figures 1,4A,4B page 8, lines 20-58; figures 7-9 page 13, lines 15-55; figures 22A,22B page 11, line 58 - page 12, line 2 figures 18A,18B	1-6
Y		3,6,10, 13,27,30
X	US 4 294 518 A (O'CONNOR JAMES M ET AL) 13 October 1981 (1981-10-13) column 1, line 16 - column 2, line 54 column 3, line 12 - column 5, line 12; figures 1,2	1,2,4,5, 7-9,11, 12,15, 16, 20-26, 28,29
Y	US 4 093 356 A (BIGELOW JOHN E) 6 June 1978 (1978-06-06) page 1, line 33 - page 4, line 52 figure 1	17,18
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>KISHI E ET AL: "DEVELOPMENT OF IN-PLANE EPD" 2000 SID INTERNATIONAL SYMPOSIUM DIGEST OF TECHNICAL PAPERS. LONG BEACH, CA, MAY 16 - 18, 2000, SID INTERNATIONAL SYMPOSIUM DIGEST OF TECHNICAL PAPERS, SAN JOSE, CA : SID, US, vol. VOL. 31, May 2000 (2000-05), pages 24-27, XP001086658 figures 1,2,8</p> <p>-----</p>	3,10,27

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Information on patent family members

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